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## Abstract of the Disclosure

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A spindle head for a machine tool with a motor-spindle unit arranged on or integrated in the spindle head has a drive motor whose shaft is in the form of a spindle to hold tools, workpieces or workpiece blanks. The drive motor of the motor-spindle unit is able to be slid in the axial direction in the spindle housing, a compressible means being provided for impeding axial displacement of the drive motor into the spindle housing and by such compressible means the drive motor is held as far as a predetermined axial force level in its predetermined working position. Accordingly protection against collisions may be provided in a simple and economic manner also for spindle heads whose drive motor is integrated in the spindle housing.

Figure 1.